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26.11.86 Patentblatt 86/48

⑯ Benannte Vertragsstaaten:
AT BE CH DE FR GB IT LI NL SE

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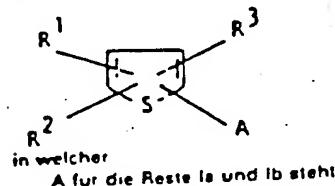
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㉓ Leistungsfördernde Mittel.

㉔ Die vorliegende Erfindung betrifft leistungsfördernde
Mittel für Tiere, die durch einen Gehalt an Thienylharnstoffen
oder -harnstoffen der Formel I:



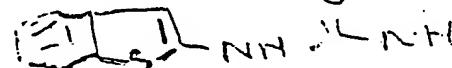
EP 0 202 538 A1



R⁵ für die Reste CN, COOR¹, CONR²R³, COR¹⁰ steht, gekenn-
zeichnet sind

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C07D-403/04; C07D-403/12; C07D-405/02; C07D-405/04; C07D-405/12;
C07D-409/02; C07D-409/04; C07D-409/12; C07D-521/00

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DIALOG(R) File 351:DERWENT WPI
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004809423

WPI Accession No: 86-312764/198648

New and known thienyl urea or isourea derivs. - used as animal growth promoters

Patent Assignee: BAYER AG (FARB)

Inventor: BERSCHAUER F; DEJONG A; HALLENBACH W; LINDEL H; SCHEER M

Number of Countries: 019 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 3529247	A	19861120	DE 3529247	A	19850816		198648 B
EP 202538	A	19861126	EP 86106209	A	19860506		198648
AU 8657217	A	19861120					198702
JP 61268678	A	19861128	JP 86109713	A	19860515		198702
DK 8602300	A	19861118					198707
BR 8602224	A	19870113					198708
ZA 8603645	A	19861110	ZA 863645	A	19860520		198708
FI 8602201	A	19861118					198711
HU 41244	T	19870428					198721
CS 8603569	A	19880115					198810
ES 8801815	A	19880501	ES 555052	A	19860516		198824
EP 202538	B	19881228					198901
DE 3661493	G	19890202					198906

Priority Applications (No Kind Date): DE 3517706 A 19850517; DE 3529247 A

19850816

Cited Patents: 1. journal ref.; AT 311994; BR 7802533; DE 2510936; DE 2645613; DE 2648248; US 3989505

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent
DE 3529247 A 79

EP 202538 A G

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

EP 202538 B G

Designated States (Regional): AT BE CH DE FR GB IT LI NL SE

Abstract (Basic): DE 3529247 A

(A) Thienyl (iso)ureas of formula (Ia) are new n = 3-6; A = N(R4)CONR5R6 or N(R4)C(OR5)=NR6; R'3 = (a) CN, COOR7, CONR8R9 or COR10 when n = 3, 5 or 6, or (b) COOMe, (2-4C alkenyloxy)carbonyl, CONR8R9 or COR10 when n = 4; R4 = H or alkyl; R5 and R6 = H, opt. subst. alkyl, cycloalkyl, alkenyl, opt. subst. aryl or heteroaryl; R7 = H, opt. subst. alkyl, cycloalkyl, alkenyl subst. aryl or heteroaryl; R8 = H, alkyl or cycloalkyl; R9 = H, opt. subst. aryl or heteroaryl; R10 = opt. subst. alkyl or opt. subst. aryl.

(B) Thienyl isocyanates of formula (II) are also new, except for 3-methoxycarbonyl-2-thienyl isocyanate; R1 and R2 = H, halogen, NO2, CN, alkoxy, alkylthio, haloalkoxy, haloalkylthio, alkoxyalkyl or opt. subst. alkyl, acyl, aroyl, or aryl, or R1+R2 forms an opt. subst. satd. or unsatd. carbocyclic ring opt. with a carbonyl function; R'3 = COOR'7, CONR8R9 or COR10; R'7 = H, opt. subst. methyl, cycloalkyl, 2-4C alkenyl or opt. subst. aryl.

USE - Use of thienyl (iso)ureas of formula (I) is 'animal productivity promoters' (specifically growth promoters) is claimed. R3 = CN, COOR7, CONR8R9 or COR10. (79pp Dwg.No.0/0)

Abstract (Equivalent): EP 202538 B

Use of thienylureas or -isoureas of the formula (I) in which A represents the radicals (Ia) and (Ib) R1 represents hydrogen, halogen, nitro, CN, alkoxy, alkylthio, halogenalkoxy, halogenalkylthio, alkoxyalkyl or optionally substituted radicals from the group comprising alkyl, acyl, aroyl, and aryl, R2 represents hydrogen, halogen, nitro, CN, alkoxy,

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alkylthio, halogenoalkoxy, halogenalkylthio, alkoxyalkyl or optionally substituted radicals from the group comprising acyl, aroyl, alkyl and aryl, or R1 and R2, together with the adjacent C atoms, represent an optionally substituted saturated or unsaturated carbocyclic or heterocyclic ring, which can optionally carry a carbonyl function, R3 represents the radicals CN, COOR₇, COONR₈R₉ or COR₁₀, R4 represents hydrogen or alkyl, R5 represents, optionally substituted alkyl, cycloalkyl, alkenyl, optionally substituted aryl or heteroaryl, R6 represents hydrogen, optionally substituted alkyl, cycloalkyl, alkenyl, optionally substituted alkyl, cycloalkyl, alkenyl, or optionally substituted aryl, R8 represents hydrogen, alkyl or cycloalkyl, R9 represents hydrogen, optionally substituted alkyl or optionally substituted aryl and R10 represents optionally substituted alkyl or optionally substituted aryl, as growth-promoting agents for animals. (33pp)

Derwent Class: B03; C02
International Patent Class (Additional): A23K-001/16; A61K-031/38;
C07D-333/36

5/7/3
DIALOG(R) File 351:DERWENT WPI
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004068583
WPI Accession No: 84-214124/198435
Herbicidal 4-ureido-thiophene-3 carboxylic acid ester(s) - prep'd. e.g. by reaction of 4-amino-thiophene-3- carboxylic acid ester(s) with isocyanate(s)
Patent Assignee: BASF AG (BADI)
Inventor: ACKER R D; ROSSY P A; WUERZER B
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicant	No	Kind	Date	Main IPC	Week
DE 3305866	A	19840823	DE 3305866	A	19830219			198435 B
EP 116932	A	19840829	EP 84101466	A	19840213			198435

Priority Applications (No Kind Date): DE 3305866 A 19830219
Cited Patents: DE 2040579; DE 2122636; EP 90309; US 2453564; US 3931204

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DE 3305866	A		27			
EP 116932	A	G				

Designated States (Regional): DE FR GB IT
Abstract (Basic): DE 3305866 A
Cpds. of formula (I) are new. In (I) R1=H, 1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl(opt. substd.) by or benzyl (opt. substd.); R2=1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 8-10C phenylalkyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl (opt. substd.) or benzyl (opt. substd.).

USE - As selective herbicides in a wide range of crop plants. Application may be pre- or post-emergence and is generally at a rate of 0.1-5 kg/ha or more, pref. 0.5-3 kg/ha.

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Derwent Class: C02
International Patent Class (Additional): A01N-047/36; C07D-333/38

5/7/4
DIALOG(R) File 351:DERWENT WPI
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002553909
WPI Accession No: 80-71933C EP 16371 EP A 19801001 198041
1-(1-Methyl-4-oxo-2-imidazolinyl)-3-thienyl-urea derivs. - useful as anxiolytics of low toxicity without muscle relaxing and sedating effects
Patent Assignee: HOFFMANN-LA ROCHE AG (HOFF)